
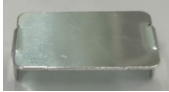






**Manual instruction of IR element Replacement
RELAX GLASS COMPACT**

I. Prepare the element and tools as below:

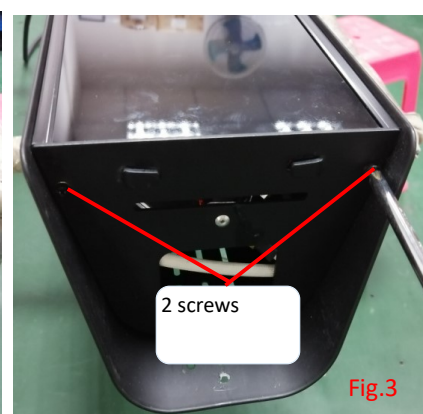
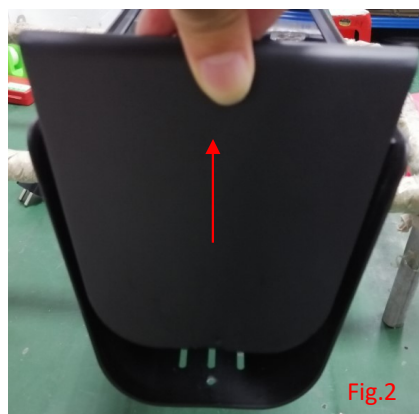
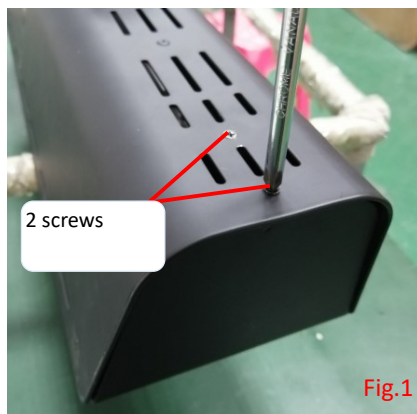
Parts/tools	qty	specification	photo
Heating Element	1	Same specification	
splice connector	2	copper, inner $\Phi 3.0$ mm, outer $\Phi 5$ mm, L=15 mm	
Element fixture plate	2	Aluminum plate	
Wire stripper	1		
pliers	1		
Flat screwdrivers	1		
Philips Head screwdriver	1		

Place the heater on the table, the display (switch) is on your right side.



II. Remove side cover and left internal barrier

1. Use a cross screwdriver to unscrew two screws on the back of the housing, as shown in Figure 1 below.
2. Remove the side cover upward by hand as shown in Figure 2 below, gently tap the side cover or pry it upward from the bottom with a flat screwdriver to loosen the side cover if needed.
3. Use a cross screwdriver to unscrew two screws on the left internal barrier, as shown in Figure 3 below.

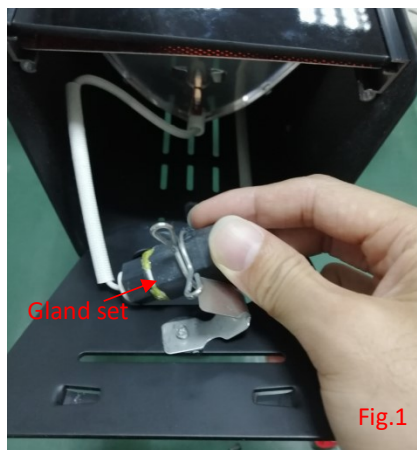


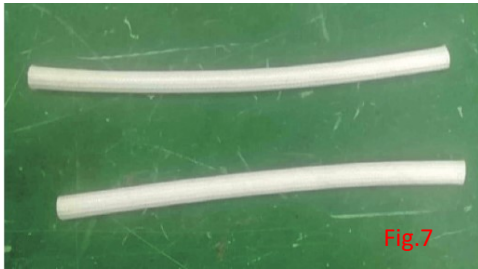
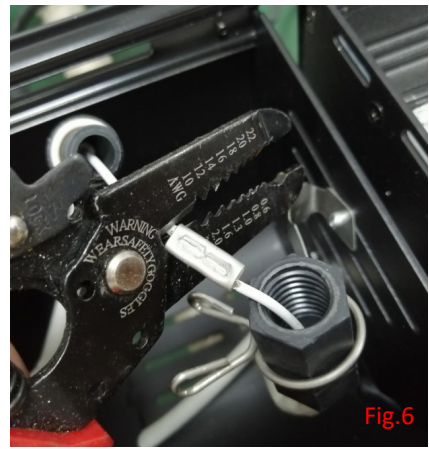
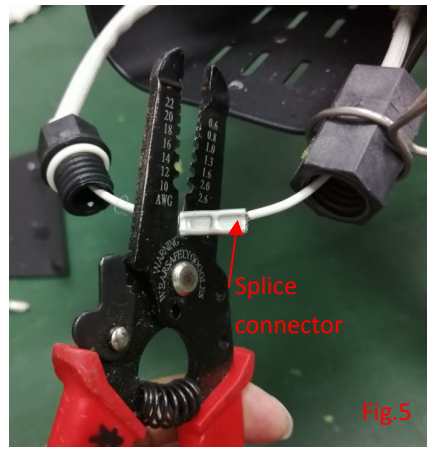
III. Take out the glass



IV. Dismantle the gland connector set (the left and the right side)

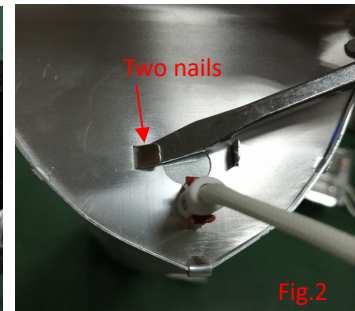
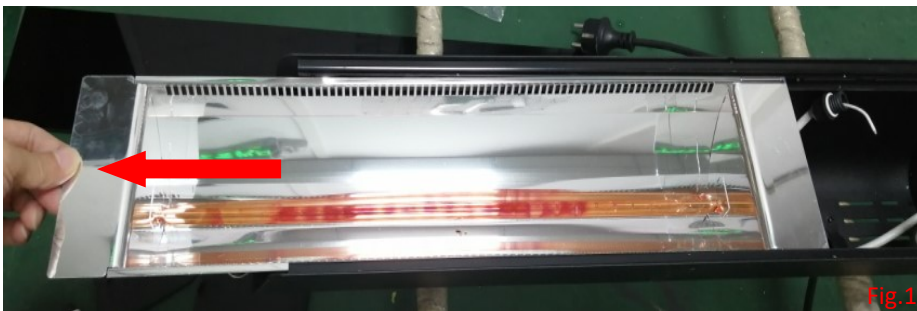
1. Take out the gland connector set from the fixing plate, as shown in Figure 1 & 2.
2. Unscrew the sealing nut as shown in Figure 3 & 4.
3. Cut the wires close to the splice connector to remove it, as shown in Figure 5 & 6.
4. Remove the gland nut connectors and set them aside, Repeat this on the other side of the heater. Remove the fiberglass sleeves on each side of the element and set them aside. (Figure 7)





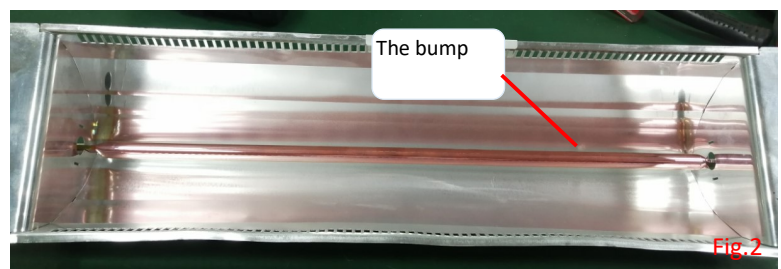
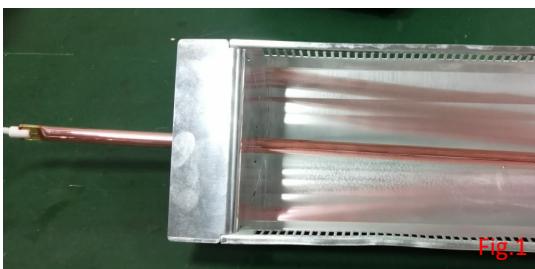
V. Remove reflector and heating tube

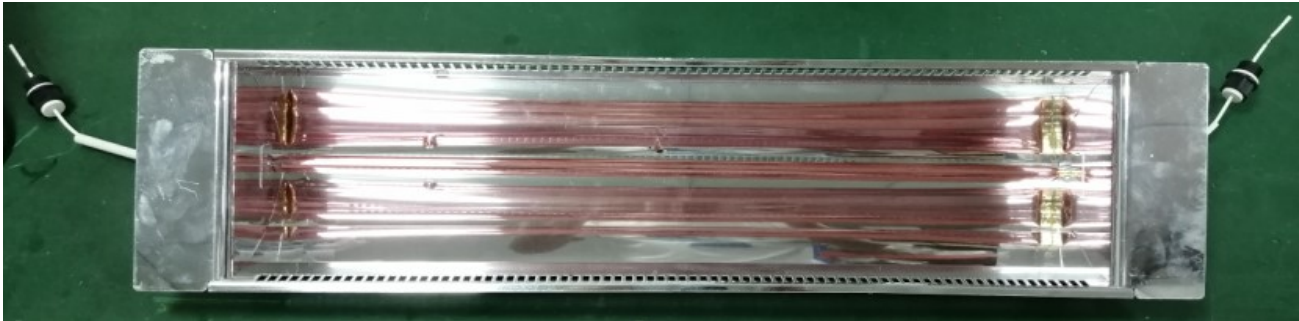
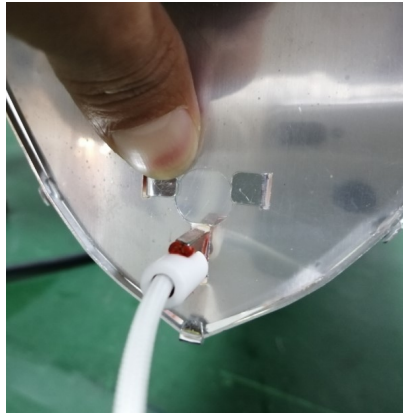
1. Slowly pull out the reflector, as shown in Figure 1.
2. Use a flat screwdriver to straighten out two nails of the element fixture plate, as shown in Figure 2
3. Slide out the lamp with care



VI. Installation of heating tube, reflector and sealing gasket.

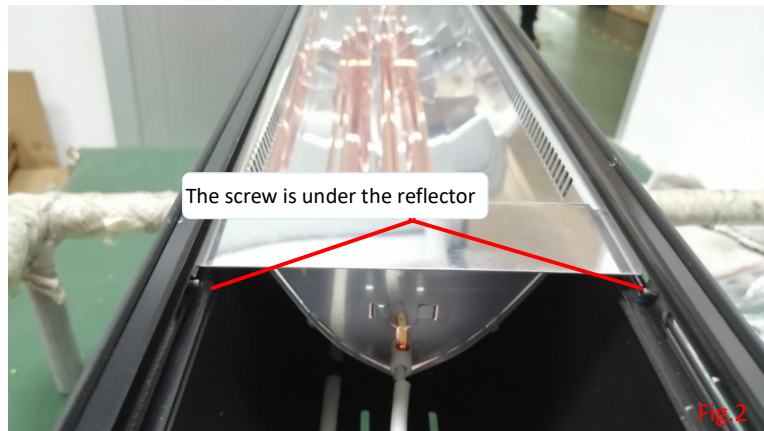
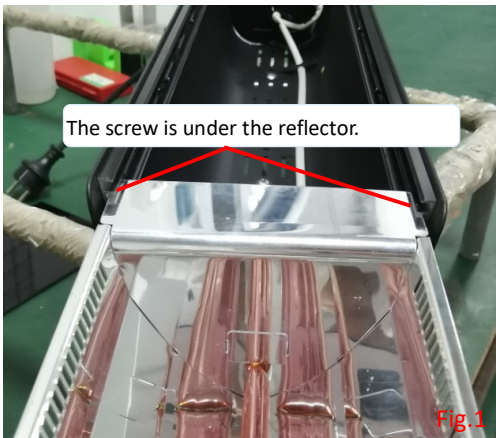
1. Pass the element through two holes on the reflector with care, as shown in Figure 1 and 2. **Note: The bump on the heating element should be facing downwards to the reflector.**
2. Install the element fixture plates from the inside on the reflector in the directing as shown in Figure 3, and bend two nails by a flat screwdriver, as shown in Figure 4. **Note: In the process of flattening the element fixture plate, do not touch the heating tube to prevent damage and breaking.**
3. Sleeving fiberglass sheathing that is left from the replaced element in the process
4. Dismantle the gland set (the left and the right side), as shown in Figure 5.





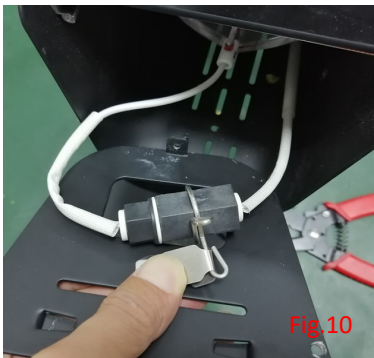
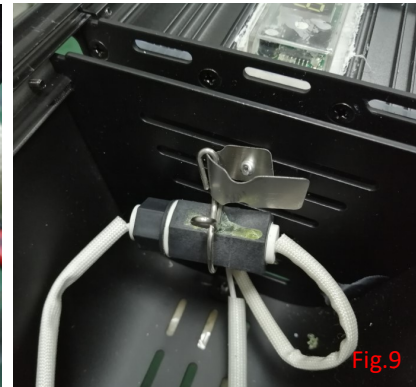
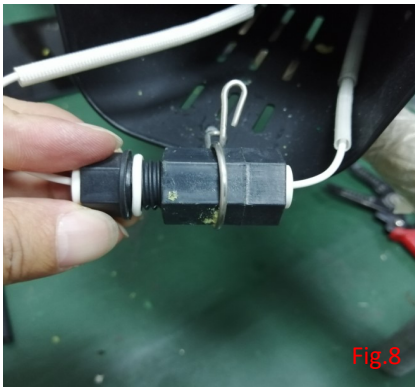
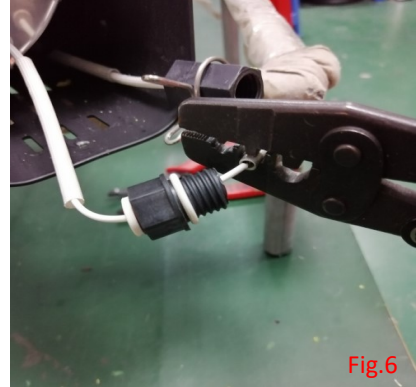
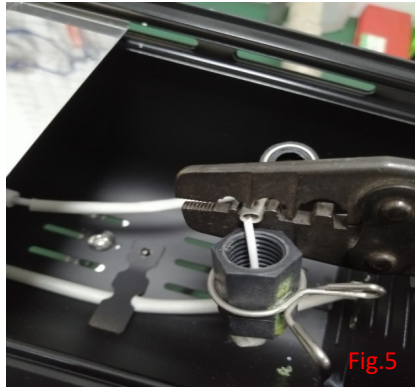
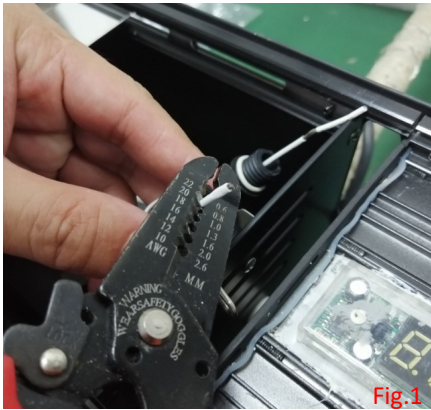
VII. Install the reflector and housing.

1. Insert the reflector assembly into the corresponding slot of the housing assembly, the screw is under the reflector, as shown in Figure 1.
2. Flatly and slowly push the part of reflector into the housing, as shown in Figure 2.



VIII. Wiring

1. Use the stripping tool to remove approximately 15 mm of wire insulation on each wire, as shown in Figure 1 & 2.
2. Reinstall the gland connector, pulling the wires through each end and Place the splice connector over the ends of the two stripped wires, as shown in Figure 3 & 4. Using pliers, crimp the splice connector to join the two wires, as shown in Figure 5 & 6. **Note: Do not break the copper wire during the wire docking process, and do not press the bare connectors on the wire skin.**
3. Screw the gland connector tightly over the crimped splice connector, as shown in Figure 7 & 8.
4. Hung the gland connector on the fixing plate in place as shown in Figure 9 & 10. Repeat on the other side of the heater.



IX. Install the glass

1. Slowly push the reflector to the stop of the inner plate, as the arrow shown in Figure 1.
2. Insert the glass into the corresponding slot of the enclosure and slowly push it to the stop of end plate, as shown in Figure 2 &3.



Fig.1

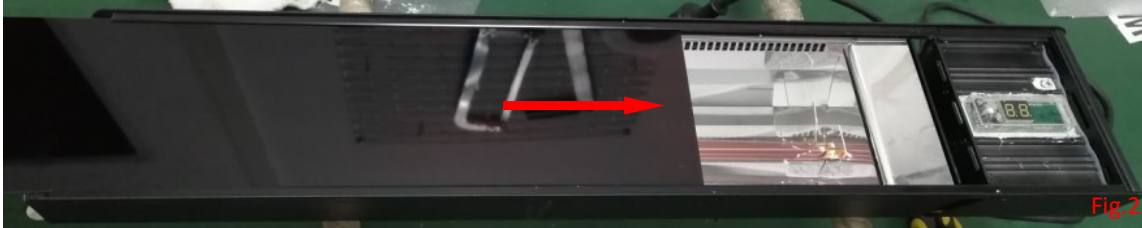


Fig.2



Fig.3

X. Install side cover and left internal barrier

1. Fix the left internal barrier on the housing as shown in Figure 1.
2. Fix the left internal barrier on the housing as shown in Figure 2.
3. Insert the side cover into the slot of left internal barrier, as shown in Figure 3.
4. Fix the side cover on the housing as shown in Figure 4.
5. Check the appearance and comprehensive performance of heater, as shown in Figure 5.



Fig.1

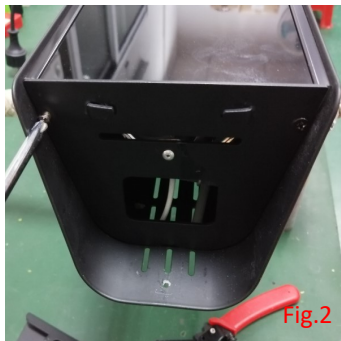


Fig.2



Fig.3



Fig.4



Fig.5